

METHOD AND SYSTEM FOR ADAPTIVE MODULATION SCHEDULING

ABSTRACT OF THE DISCLOSURE

Provided is a method and system for transmitting MPEG frames between a DOCSIS based satellite modem termination system (SMTS) and a corresponding satellite modem (SM) system. The method includes identifying at least one data stream requiring transmission between the SMTS and the SM, the data stream including one or more MPEG frames. Next, the MPEG frames are organized within SMTS data queues based upon predetermined parameters and then transmitted based upon their organization within the data queues.